

03/15/01
Jc839 U.S. PTO

03-16-01

A

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 678-632 (P9798)

First Inventor Yong Chang

Title Method for Providing Concurrent Service in a...

Express Mail Label No. EL776821813US

03/15/01
957808768
C918 U.S. PTO

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 39]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 23]
5. ☐ Oath or Declaration [Total Pages]
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. _____ / _____

Prior application information:

Examiner _____

Group Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

| | | | | | |
|---------|--------------------------|-----------|----------------|----------|----------------|
| Name | Dilworth & Barrese, LLP | | | | |
| Address | 333 Earle Ovington Blvd. | | | | |
| City | Uniondale | State | New York | Zip Code | 11553 |
| Country | U.S.A | Telephone | (516) 228-8484 | Fax | (516) 228-8516 |

| | | | |
|-------------------|------------------------|-----------------------------------|---------|
| Name (Print/Type) | Paul J. Farrell | Registration No. (Attorney/Agent) | 33,494 |
| Signature | <i>Paul J. Farrell</i> | Date | 3/15/01 |

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL776821813US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: March 15, 2001

Daniel E. Tierney

Daniel E. Tierney

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 1,110.00)

Complete if Known

Application Number

Filing Date

First Named Inventor

Yong Chang

Examiner Name

Group Art Unit

Attorney Docket No.

678-632 (P9798)

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number

04-1121

Deposit
Account
Name

Dilworth & Barrese, LLP

- ☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

- ☐ Applicant claims small entity status.
See 37 CFR 1.27

2. ☒ Payment Enclosed:

- ☒ Check ☐ Credit card ☐ Money
Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

| Code (\$) | Code (\$) | Fee Paid |
|-----------|-----------|------------------------|
| 101 710 | 201 355 | Utility filing fee |
| 106 320 | 206 160 | Design filing fee |
| 107 490 | 207 245 | Plant filing fee |
| 108 710 | 208 355 | Reissue filing fee |
| 114 150 | 214 75 | Provisional filing fee |

Fee Paid

\$710.00

SUBTOTAL (1) (\$ 710.00)

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 18 | -20** = 0 | 18 | \$0 |
| 8 | -3** = 5 | 80 | \$400 |
| Multiple Dependent | | 270 | \$0 |

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

| Code (\$) | Code (\$) | Fee Description |
|-----------|-----------|--|
| 103 18 | 203 9 | Claims in excess of 20 |
| 102 80 | 202 40 | Independent claims in excess of 3 |
| 104 270 | 204 135 | Multiple dependent claim, if not paid |
| 109 80 | 209 40 | ** Reissue independent claims over original patent |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 400.00)

**or number previously paid, if greater, For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Code (\$)

Fee Description

Fee Paid

| | | | | | |
|-----|--------|-----|--------|--|--|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 390 | 216 | 195 | Extension for reply within second month | |
| 117 | 890 | 217 | 445 | Extension for reply within third month | |
| 118 | 1,390 | 218 | 695 | Extension for reply within fourth month | |
| 128 | 1,890 | 228 | 945 | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,240 | 241 | 620 | Petition to revive - unintentional | |
| 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | Design issue fee | |
| 144 | 600 | 244 | 300 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | |
| 126 | 240 | 126 | 240 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

Name (Print/Type)

Paul J. Farrell

Registration No.

33,494

Complete (if applicable)

Telephone

(516) 228-8484

Signature

Paul J. Farrell

Date

March 15, 2001

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL 776821813US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: March 15, 2001

Daniel E. Tierney

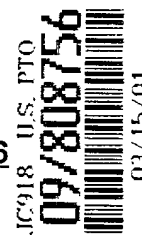
PATENT

Atty. Docket No. 678-632 (P9798)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner
for Patents
Washington, D.C. 20231

UTILITY APPLICATION DATA SHEET UNDER 37 C.F.R. §1.76



Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Yong Chang

For: METHOD FOR PROVIDING CONCURRENT SERVICE IN A MOBILE COMMUNICATION SYSTEM

Enclosed are:

☒ 32 page(s) of specification

☒ 1 page(s) of Abstract

☒ 6 page(s) of claims

☒ 23 sheets of drawings ☒ formal ☐ informal

☐ _____ page(s) of Declaration and Power of Attorney

ASSIGNEE NAME: SAMSUNG ELECTRONICS CO., LTD.

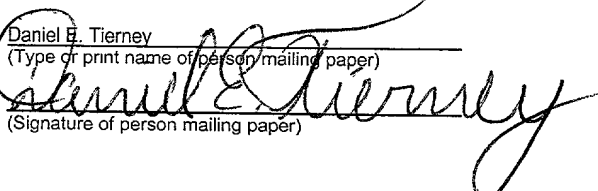
ASSIGNEE RESIDENCE: KYUNGKI-DO, KOREA

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date March 15, 2001 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL776821813US addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Daniel E. Tierney

(Type or print name of person mailing paper)


(Signature of person mailing paper)

- ☐ This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s).:

APPLICATION NO(S).:

FILING DATE

/

/

☒ Certified copy of applications

Country

Appln. No.

Filed

Korea

2000-13146

March 15, 2000

Korea

2000-27160

May 16, 2000

from which priority under Title 35 United States Code, § 119 is claimed
☐ is enclosed.

☒ will follow.

CALCULATION OF UTILITY APPLICATION FEE

| For | Number Filed | Number Extra | Rate | Basic Fee \$710.00 |
|--|--------------|--------------|-------------------------|-----------------------|
| TOTAL CLAIMS | 18 | 0 | x 18 = | \$0 |
| INDEPENDENT CLAIMS | 8 | 5 | x 80 = | \$400.00 |
| <input type="checkbox"/> Multiple Dep. Claim | 0 | | 270 | \$0 |
| | | | TOTAL \$1,110.00 | |

- ☐ Verified Statement of "Small Entity" Status Under 37 C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith \$.

*Includes all independent and single dependent claims and all claims referred to in multiple claims. See 37 C.F.R. § 1.75(c).

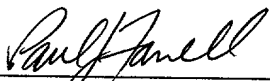
☐ The amount of \$40.00 for recording the attached Assignment is enclosed as a separate check.

☒ Check in the amount of \$1,110.00 to cover the ☐ recording, ☒ filing fee(s) are attached.

☐ Charge fee to Deposit Account No. 04-1121. Order No. _____
TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Date: March 15, 2001



Paul J. Farrell
Reg. No. 33,494

DILWORTH & BARRESE
333 Earle Ovington Blvd.
Uniondale, NY 11553
Tel. No. (516) 228-8484
Fax. (516) 228-8516